

**AMENDMENTS TO THE ABSTRACT**

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

A radar wherein, in ~~in~~ accordance with a peak frequency  $f_1[t-nT]$  of a first projecting portion at a predetermined timing  $t-nT$ , a center frequency  $fr[t]$  of peak frequencies of first and second projecting portions at ~~the a~~ current measurement timing  $t$  is predicted, and  $f_1[t]$  and  $f_2[t]$  in which  $(f_1[t]+f_2[t])/2$  approximates the predicted  $fr[t]$  is extracted as a pair candidate. In addition,  $f_1[t]$  and  $f_2[t]$  in which Doppler shift frequency is substantially equal to a Doppler shift frequency calculated from the peak frequency  $f_1[t-nT]$  of the first projecting portion and the peak frequency  $f_2[t-nT]$  of the second projecting portion are selected.